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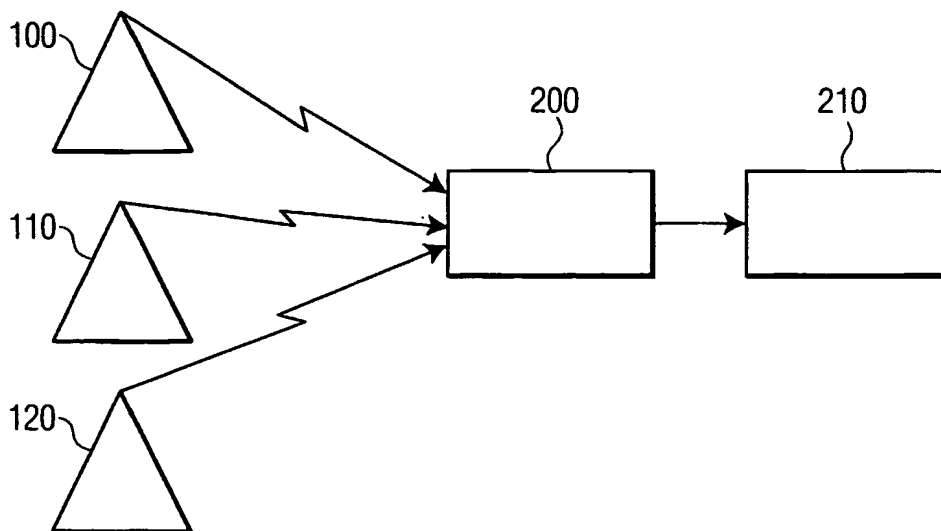
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[Continued on next page]

(54) Title: CHANNEL NUMBER SORTING FOR DIGITAL TELEVISION



(57) Abstract: Channel numbers are provided for a digital television receiver (200) that receives multiple transmissions (100, 110, 120), such as from different regions of a country or from different countries. The channel numbers for the home country transmission are assigned based on logical channel number (LCN) data in the transmission. The channel numbers for the transmissions of the other countries are provided so that they are in a higher range than the channel numbers for the home country transmission. For different regional transmissions, the channel numbers for the transmission with the strongest service, e.g., based on quality/bit error rate, signal strength, and/or frequency, may be arranged before the channel numbers for the lower strength transmissions.



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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